

ABSTRACT

A method, apparatus, and article of manufacture provide a component-based computing system having both publicly accessible and privately-only accessible computing components within multiple applications for providing component addressing/identification and naming spaces. A requested processing component is initiated by a calling component within a local computing system having one or more applications. The identity of the requested processing component, including an identity of a class ID and an identity of a partition from a request to activate a component initiated by a calling component, is obtained using configuration data for the requested component. The configuration data provides an indication of public-private status for the requested component. If the configuration data indicates that the requested component is a public component, an instance of the requested component is activated. If the configuration data indicates that the requested component is a private component, the method determines if the requested component is a member of a partition that also includes the calling component as a member. If the requested component and the calling component are members of the same partition, an instance of the requested component is activated.